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1 [Effects of routing computations in content-based routing networks with mobile data sources](#)



Vinod Muthusamy, Milenko Petrovic, Hans-Arno Jacobsen

August 2005 MobiCom '05: Proceedings of the 11th annual international conference on Mobile computing and networking

Publisher: ACM

Full text available: pdf(381.59 KB)

[Additional Information: full citation, abstract, references, cited by, index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 215, Citation Count: 1

This paper presents the first quantitative evaluation of the role of routing computations on performance when mobility is introduced to a content-based routing network. Additionally, the paper identifies factors that affect the performance of a distributed ...

Keywords: mobility, multicast, publish/subscribe, routing

2 [Communications of the ACM: Volume 51 Issue 1](#)



January 2008 issue Volume 51 Issue 1

Publisher: ACM

Full text available: pdf(5.97 MB) digital edition(90 bytes) [Additional Information: full citation, index terms](#)

Bibliometrics: Downloads (6 Weeks): 858, Downloads (12 Months): 1934, Citation Count: 0

3 [Googling considered harmful](#)



Gregory Conti

September 2006 NSPW '06: Proceedings of the 2006 workshop on New security paradigms

Publisher: ACM

Full text available: pdf(138.73 KB)

[Additional Information: full citation, abstract, references, index terms](#)

Bibliometrics: Downloads (6 Weeks): 55, Downloads (12 Months): 386, Citation Count: 0

Virtually every Internet user on the planet uses the powerful free tools offered by a handful of Internet service providers in many aspects of their personal and professional lives. As a result, users and organizations are freely providing unprecedented ...

Keywords: AOL, Google, anonymity, anonymization, fingerprinting, googling, information disclosure, privacy, search, usable security

- 4 [Web page revisitation revisited: implications of a long-term click-stream study of browser u](#)  
Hartmut Obendorf, Harald Weinreich, Eelco Herder, Matthias Mayer  
April 2007 CHI '07: Proceedings of the SIGCHI conference on Human factors in computing system  
Publisher: ACM

Full text available:  [pdf\(365.77 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 367, Citation Count: 0


This paper presents results of an extensive long-term click-stream study of Web browser usage. on character and challenges of page revisitation, previous findings from seven to thirteen years updated. The term *page re-visit* had ...

Keywords: WWW, history, hypertext, navigation, recurrence rate, revisitation, web browser int web browsing

- 5 [A graph-theoretic approach to extract storylines from search results](#)

Ravi Kumar, Uma Mahadevan, D. Sivakumar

August 2004 KDD '04: Proceedings of the tenth ACM SIGKDD international conference on Knowledge and data mining  
Publisher: ACM

Full text available:  [pdf\(161.61 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index te](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 126, Citation Count: 4

We present a graph-theoretic approach to discover storylines from search results. Storylines are that offer glimpses into interesting themes latent among the top search results for a query; they different from, and complementary to, clusters ...

Keywords: clustering, communities, link analysis, search results, storylines

- 6 [A digital on-demand video service supporting content-based queries](#)

T. D. C. Little, G. Ahanger, R. J. Folz, J. F. Gibbon, F. W. Reeve, D. H. Schelleng, D. Venkatesh

September 1993 MULTIMEDIA '93: Proceedings of the first ACM international conference on Multin  
Publisher: ACM

Full text available:  [pdf\(177.72 KB\)](#)  [ps\(4.19 MB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 89, Citation Count: 26


Keywords: applications, content-based retrieval, multimedia databases, temporal data manage video-on-demand

- 7 [Privacy through pseudonymity in user-adaptive systems](#)

Alfred Kobsa, Jörg Schreck

May 2003 ACM Transactions on Internet Technology (TOIT), Volume 3 Issue 2

Publisher: ACM

Full text available:  [pdf\(881.69 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index te](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 212, Citation Count: 9

User-adaptive applications cater to the needs of each individual computer user, taking for exam interests, level of expertise, preferences, perceptual and motoric abilities, and the usage environ account. Central user modeling servers ...

Keywords: Chaum mix, KQML, User modeling, access control, anonymity, encryption, personal information, personalization, privacy, pseudonymity, reference model, secrecy, security, user-ac systems

8 [An analysis of Internet chat systems](#)



Christian Dewes, Arne Wichmann, Anja Feldmann

October 2003 | MC '03: Proceedings of the 3rd ACM SIGCOMM conference on Internet measurement

Publisher: ACM

Full text available: [pdf\(630.55 KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 236, Citation Count: 15

Keywords: IRC, chat, network measurements

9 [Flash forums and forumReader: navigating a new kind of large-scale online discussion](#)



Kushal Dave, Martin Wattenberg, Michael Muller

November 2004 | CSCW '04: Proceedings of the 2004 ACM conference on Computer supported cooperative work

Publisher: ACM

Full text available: [pdf\(513.95 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 128, Citation Count: 2

We describe a popular kind of large, topic-centered, transient discussion, which we term a *flash forum*. These occur in settings ranging from web-based bulletin boards to corporate intranets where they display a conversational style distinct ...

Keywords: collaboration, large-scale conversations, mass interaction, persistent conversations, thumbnail interface, user interface, user study, visualization

10 [Automated gathering of Web information: An in-depth examination of agents interacting with search engines](#)



Bernard J. Jansen, Tracy Mullen, Amanda Spink, Jan Pedersen

November 2006 | ACM Transactions on Internet Technology (TOIT), Volume 6 Issue 4

Publisher: ACM

Full text available: [pdf\(386.13 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 31, Downloads (12 Months): 364, Citation Count: 1

The Web has become a worldwide repository of information which individuals, companies, and organizations utilize to solve or address various information problems. Many of these Web users employ automated agents to gather this information for them. Some ...

Keywords: Search engines, Web searching, agent searching

11 [A methodology for estimating interdomain web traffic demand](#)



Anja Feldmann, Nils Kammenhuber, Olaf Maennel, Bruce Maggs, Roberto De Prisco, Ravi Sundaram

October 2004 | MC '04: Proceedings of the 4th ACM SIGCOMM conference on Internet measurement

Publisher: ACM

Full text available: [pdf\(1.08 MB\)](#)



Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 67, Citation Count: 3

This paper introduces a methodology for estimating interdomain Web traffic flows between all clients worldwide and the servers belonging to over one thousand content providers. The idea is to use traffic flows from a large Content Delivery Network (CDN) ...

Keywords: analysis, estimation, interdomain, traffic demand, traffic matrix, web

12 [Successful approaches in the TREC video retrieval evaluations](#)



 Alexander G. Hauptmann, Michael G. Christel  
October 2004 MULTIMEDIA '04: Proceedings of the 12th annual ACM international conference on  
Publisher: ACM  
Full text available:  pdf(1.20 MB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 78, Citation Count: 12

This paper reviews successful approaches in evaluations of video retrieval over the last three years. This task involves the search and retrieval of shots from MPEG digitized video recordings using a combination of automatic speech, image and video analysis ...

Keywords: TRECVID, information retrieval benchmarks, search, video retrieval

13 [A formal model of annotations of digital content](#)



 Mariastella Agosti, Nicola Ferro  
November 2007 ACM Transactions on Information Systems (TOIS), Volume 26 Issue 1  
Publisher: ACM  
Full text available:  pdf(759.60 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 66, Downloads (12 Months): 444, Citation Count: 0

This article is a study of the themes and issues concerning the annotation of digital contents, such as textual documents, images, and multimedia documents in general. These digital contents are all managed by different kinds of digital library ...

Keywords: Annotation, digital content, digital library system, foundations, hypertext

14 [Toward editable web browser: edit-and-propagate operation for web browsing](#)



 Satoshi Nakamura, Takehiro Yamamoto, Katsumi Tanaka  
November 2007 WIDM '07: Proceedings of the 9th annual ACM international workshop on Web information and data management  
Publisher: ACM  
Full text available:  pdf(720.85 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 66, Citation Count: 0

This paper proposes a novel technique of browsing Web pages called "Edit-and-Propagate" operation, where edit operation is regarded as the third operation for interacting with the WWW beyond conventional clicking and scrolling ...

Keywords: editable web browser, filtering, reranking, user interface, web

15 [A graph-theoretic approach to webpage segmentation](#)

 Deepayan Chakrabarti, Ravi Kumar, Kunal Punera  
April 2008 WWW '08: Proceeding of the 17th international conference on World Wide Web  
Publisher: ACM  
Full text available:  pdf(488.59 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

We consider the problem of segmenting a webpage into visually and semantically cohesive pieces.

approach is based on formulating an appropriate optimization problem on weighted graphs, where weights capture if two nodes in the DOM tree should ...

**Keywords:** correlation clustering, energy minimization, graph cuts, webpage sectioning, webpage segmentation

#### 16 Duplicate detection in click streams



Ahmed Metwally, Divyakant Agrawal, Amr El Abbadi

May 2005 WWW '05: Proceedings of the 14th international conference on World Wide Web

Publisher: ACM

Full text available: [pdf\(225.71 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 126, Citation Count: 5

We consider the problem of finding duplicates in data streams. Duplicate detection in data streams is utilized in various applications including fraud detection. We develop a solution based on Bloom filters and discuss the space and time requirements ...

**Keywords:** advertising networks, approximate queries, data streams, duplicate detection

#### 17 The impact of task on the usage of web browser navigation mechanisms

Melanie Kellar, Carolyn Watters, Michael Shepherd

June 2006 GI '06: Proceedings of Graphics Interface 2006

Publisher: Canadian Information Processing Society

Full text available: [pdf\(259.86 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 203, Citation Count: 5

In this paper, we explore how factors such as task and individual differences influence the usage of different web browser navigation mechanisms (e.g., clicked links, bookmarks, auto-complete). We conducted a field study of 21 participants and logged ...

**Keywords:** field study, navigation, navigation mechanism, task, web browser, web usage

#### 18 Not quite the average: An empirical study of Web use



Harald Weinreich, Hartmut Obendorf, Eelco Herder, Matthias Mayer

February 2008 ACM Transactions on the Web (TWEB), Volume 2 Issue 1

Publisher: ACM

Full text available: [pdf\(967.16 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 135, Downloads (12 Months): 271, Citation Count: 0

In the past decade, the World Wide Web has been subject to dramatic changes. Web sites have moved from static information resources to dynamic and interactive applications that are used for a broad range of activities on a daily basis. To examine the ...

**Keywords:** Navigation, WWW, Web, browser interfaces, hypertext, usability, user study, web browser design

#### 19 Design, implementation and testing of an interactive video retrieval system



Georgina Gaughan, Alan F. Smeaton, Cathal Gurrin, Hyowon Lee, Kieran McDonald

November 2003 MIR '03: Proceedings of the 5th ACM SIGMM international workshop on Multimedia information retrieval

Publisher: ACM

Full text available:  pdf(504.99 KB)

Additional Information: full citation, abstract, references, cited by, index te

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 79, Citation Count: 3

In this paper we present and discuss the system we developed for the search task of the TREC V and its evaluation in an interactive search task. To do this we will look at the strategy we used i the system, and we discuss and evaluate ...

Keywords: interface design, system evaluation, usability testing, video analysis, video browsin retrieval


## 20 Clustering and searching WWW images using link and page layout analysis



Xiaofei He, Deng Cai, Ji-Rong Wen, Wei-Ying Ma, Hong-Jiang Zhang

May 2007 ACM Transactions on Multimedia Computing, Communications, and Application (TOMCCAP), Volume 3 Issue 2

Publisher: ACM

Full text available:  pdf(28.98 MB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 32, Downloads (12 Months): 387, Citation Count: 0

Due to the rapid growth of the number of digital images on the Web, there is an increasing dem effective and efficient method for organizing and retrieving the available images. This article des iFind, a system for clustering and searching ...

Keywords: Web mining, image clustering, image search, link analysis

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